



# ACE Engineering College

(An Autonomous Institution)

Question Paper Code:

CS405PC

ACE-R20

**Semester End Examination**  
**II B. Tech- II Semester- AUGUST/SEPTEMBER -2022**  
**JAVA PROGRAMMING**  
**Common to CSE, IT, CSM, CSD, CSO**

Time: 3 Hours

Max. Marks: 70

H. T. No

*Answer any 5 Questions out of 8 Questions from the following*

Q.No	Question	Marks
1. a)	Differentiate between method overloading and method overriding with example programs.	7
b)	Summarize the features/Buzz words of Java.	7
2. a)	With example program explain Random Access File class.	7
b)	Discuss in detail about creating and importing packages with an examples	7
3. a)	Write a java program which illustrates the try, catch, throw and throws and finally blocks.	7
b)	Distinguish between thread and process? Discuss how a thread is created?	7
4. a)	Illustrate the usage of super, this keywords with example programs	8
b)	Write a java program to copy contents of one file into another file.	6
5. a)	List different types of inheritances in java? Discuss each of them in detail with an example program	7
b)	Explain how Runtime Polymorphism is achieved in JAVA. Write program to illustrate the same.	7
6. a)	Demonstrate briefly about Vector, ArrayList class with an example	9
b)	Discuss about iterator with an example program.	5
7. a)	Explain about MVC architecture of swings.	4
b)	Discuss in detail about types of Layout management	10
8. a)	Write a JAVA program to handle all the mouse events with listener interfaces.	7
b)	Develop a java program for passing parameters to applet	7